

California Energy Commission

STAFF REPORT

LOCALIZED HEALTH IMPACTS REPORT

Addendum 3 for a Selected Project With a Location Change and
Awarded Funding Through the Alternative and Renewable Fuel and
Vehicle Technology Program Under Solicitation PON-11-604,
Advanced Vehicle Technology Manufacturing



CALIFORNIA
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ADDENDUM 3

The *Localized Health Impacts (LHI) Report for Selected Projects Awarded Funding Through the Alternative and Renewable Fuel and Vehicle Technology Program Under Solicitation PON-11-604, Advanced Vehicle Technology Manufacturing* was posted July 25, 2012.¹ This addendum, for one project, applies the same localized health impacts assessment method for a new manufacturing site for Wrightspeed, Incorporated, project “Manufacturing the Wrightspeed Digital DriveSystem Retrofit Kit,” as shown in Table 1.

Table 1: Proposed Address Change for Manufacturing Facility and Environmental Justice Indicator²

Original Site Location	New Site Location	EJ Indicators for New Location
2540 Junction Avenue, San Jose, California 95134	650 West Tower Avenue, Alameda, California 94501	1-Minority

Source: Energy Commission staff analysis

The new location has one EJ indicator and is therefore comparable to the original location. The Alameda location has the same nonattainment status for ozone, particulate matter³ (PM) 2.5, and PM 10, as the original San Jose location.

There are no major negative health impacts identified from the proposed project, and Energy Commission staff anticipates no net adverse impact in air pollutants or health conditions related to the activities in this project. According to Wrightspeed, the activities of the project will not produce emissions beyond those from testing engines for retrofitting existing fleet trucks.

1 Baronas, Jean, 2012. *Localized Health Impacts Report*. California Energy Commission, Fuels and Transportation Division. Publication Number: CEC-600-2012-005.

2 The EJ indicators follow: (i.) minority subset represents more than 30 percent of a given city’s population (2010), (ii.) city’s poverty exceeds California’s poverty level of 15.9 percent (2009-2013), (iii.) city’s unemployment rate exceeds California’s unemployment rate of 7.2 percent as of November 2014, and (iv.) city’s percentage of persons younger than 5 years of age or older than 65 years of age is 20 percent higher than then California’s average. Note: For the entire state, the percentage of persons under the age of 5 years is 6.8 percent, and the percentage of persons over the age of 65 years is 11.4 percent.

3 “Particulate matter,” is unburned fuel particles that form smoke or soot and stick to lung tissue when inhaled, and a chief component of exhaust emissions from heavy-duty diesel engines.

APPENDIX A

**Table A-1: Zip Code Based Demographic Data and Environmental Justice (EJ) indicators
Compared With the State of California**

Yellow highlighted areas indicate numbers that meet the definition for EJ Indicators.

	Persons Below Poverty Level (2009- 2013)	Black persons (2010)	American Indian and Alaska Native (2010)	Persons of Hispanic or Latino Origin (2010)	Asian (2010)	Persons under 5 years of age (2010)	Persons over 65 years of age (2010)	Un- employ- ment rate (November 2014)
California	15.9%	6.2%	1.0%	37.6%	13.0%	6.8%	11.4%	7.2%
California (minorities)		>30.0%	>30.0%	>30.0%	>30.0%			
Alameda	10.3 %	6.4 %	0.6 %	11.0 %	31.2 %	5.7 %	13.5 %	3.8 %

Sources: Unemployment information from the State of California, Employee Development Department (EDD) Labor Market Information Division: http://www.labormarketinfo.edd.ca.gov/CES/Labor_Force_Unemployment_Data_for_Cities_and_Census_Areas.html
and Demographics information from the U.S. Department of Commerce, U.S. Census Bureau: <http://quickfacts.census.gov/qfd/states/06/0600562..html>